

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

- 1 1. (Cancelled)
- 1 2. (Currently amended) The seal according to claim \pm 7 wherein the
2 combined thickness of said polymeric layer and said bonding layer is between about
3 0.00020 inches and 0.003 inches.
- 1 3. (Original) The seal according to claim 2 wherein the polymer film layer, the
2 bonding polymer layer and the reinforcing scrim in said tear resisting composite layer
3 all have a chemical composition that permits recycling said composite without
4 separating the layers thereof.
- 1 4. (Original) The seal according to claim 3 further comprising an adhesive layer
2 on said bottom surface of said reinforcing scrim layer.
- 1 5. (Original) The seal according to claim 3 wherein said adhesive layer also
2 has a chemical composition that permits recycling said composite without separating
3 the layers thereof.
- 1 6. (Original) The seal according to claim 4 wherein said adhesive layer is a
2 thermally activated adhesive layer.

1 7. (Currently amended) A seal for sealing a container opening, said seal
2 comprising at least one tear resisting composite layer providing tear resistance to
3 said seal the composite layer consisting of:

4 a) an oriented polymer film layer having a top surface and a inner surface;

5 b) a thermal bonding polymer layer on said oriented polymer layer inner surface
6 substantially coextensive thereto, said thermal bonding polymer layer having a
7 thickness between 10% and 40% of a combined thickness of the oriented polymer
8 film layer and the thermal bonding polymer layer; and

9 c) a reinforcing scrim polymer layer also having an inner surface adjacent and
10 substantially coextensive with the thermal bonding polymer layer said reinforcing
11 having a bottom surface;

12 ~~The seal according to claim 2,~~ wherein the oriented polymer film layer, the thermal
13 bonding polymer layer, and the reinforcing scrim polymer layer in said tear resisting
14 composite layer each individually comprise a synthetic condensation polymer,

15 the synthetic condensation polymers each comprising, in polymerized form:

16 1) a) a carboxylic acid or a mixture of carboxylic acids, and b) either i) a
17 diamine or a mixture of diamines, or ii) a diol or a mixture of diols, or

18 2) an ω -amino acid having more than 2 carbon atoms, or a mixture of
19 such amino acids,

20 wherein, for the composite taken as a whole,

21 at least 90 mol% of a combined total amount of the carboxylic acid or the mixture of
22 carboxylic acids in the synthetic condensation polymers is the same carboxylic acid,

23 at least 90 mol% of a combined total amount of the diamine or the mixture of
24 diamines in the synthetic condensation polymers is the same diamine,

25 at least 90 mol% of a combined total amount of the diols or the mixture of diols in
26 the synthetic condensation polymers is the same diol, and

27 at least 90 mol% of a combined total amount of the amino acid or the mixture of
28 amino acids in the synthetic condensation polymers is the same amino acid.

1 8. (Original) The seal according to claim 7, wherein the oriented polymer film
2 layer comprises biaxially oriented polyethylene terephthalate.

1 9. (Original) The seal according to claim 7 wherein said structure further
2 comprises a thermally activated adhesive layer on said bottom surface of said
3 reinforcing scrim layer.

1 10. (Original) The seal according to claim 3 further comprising a blister package
2 adhered to said scrim layer bottom surface.

1 11. (Original) The seal according to claim 10 wherein said blister package is
2 peelably adhered to said scrim layer bottom surface through a heat activated
3 adhesive.

1 12. (Original) The seal according to claim 11 further comprising a blister
2 package adhered to said bottom surface of said scrim layer and wherein said blister
3 package includes a surface adapted for adhesion to said tear resisting composite
4 layer and an adhesive is coated on said surface adapted for adhesion.

1 13. (Original) The seal according to claim 3 wherein at least one of said
2 oriented polymer layer top surface and said oriented polymer layer inner surface
3 contains printed indicia.

1 14. (Original) The seal according to claim 3 wherein the tear resisting
2 composite layer further consists of an additional thermal bonding polymer layer on
3 said bottom surface of said scrim layer and an additional polymer film layer, and
4 wherein all such layers have a chemical composition that permits recycling said
5 composite without separating said layers.

1 15. (Original) The seal according to claim 3 further comprising a container
2 having an opening and wherein said seal is peelably adhered to and seals said
3 container opening.

1 16. (Original) The seal according to claim 3 further comprising at least one special
2 function layer.